

## Education

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### Quinnipiac University

Hamden, CT

B.A. in Mathematics, B.S. in Computer Science, GPA: 3.88/4.0

May 2026

**Relevant Coursework:** Database Systems, Systems Programming, Data Structures & Algorithms, Networking & Distributed Systems, Cryptography, Computational Geometry, Multivariate Calculus, Math Stats and Probability.

**Dean's List:** Fall 2022 – Spring 2025

## Experience

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### The Learning Commons at Quinnipiac University

Hamden, CT

Peer Fellow

Aug 2024 – Dec 2024

- Supported students and professor during class time by managing class activities and responding to unanticipated questions.
- Organized weekly review sessions focused on enhancing students' understanding of calculus, benefiting 10-20 individuals across all levels.

### NSF REU at Fairfield University

Fairfield, CT

Undergraduate Researcher

May 2024 – July 2024

- Conducted daily research on the anti-van der Waerden numbers of graphs and graph products.
- Worked collaboratively and independently on discovering and proving new results.
- Co-authored a research paper to be published in undergraduate research journals.
- Planned and prepared poster presentations for Jane Street Math Day in NYC and MAA Mathfest in Indianapolis.

## Technical Skills & Projects

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**Programming Languages:** Java, JavaScript, Python, R, C.

**Tools & Frameworks:** Git, MySQL, Scrum/Agile, Trello, VSCode, CLI.

**Desing & Markup:** CSS, HTML, LaTeX.

**Other:** Canva, Excel.

### "Slime Otissey" Video Game: CSC 225 Main Project

Aug 2024 – Dec 2024

- Built an RPG-like game on a team of four developers, building from a base Java game engine/framework.
- Acted as a primary developer and play tester, creating and modifying several files for mechanics in the game's engine and debugging as issues arose.
- Worked in two-week sprints and communicated progress/hinderances at several Agile ceremonies, including bi-weekly sprint planning and review, team retrospectives, and daily stand-ups.

## Leadership & Activities

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### Quinnipiac Math Club

Hamden, CT

President

Aug 2025 – Current

- Organize and attend weekly E-board meetings to discuss upcoming meetings and events with fellow club officers.
- Schedule weekly club meetings, highlighting ideas from various mathematical fields in ways digestible to every level of experience with college-level mathematics.